

## FIGURE 1A

HMEAA94

-50 -30 -10  
GGAGGTGGTGGCGACTCCCTCGCTCGCCCTCACTGCCGGCGGTCCCAACTCCAGGCACC  
10 30 50  
ATGTTCCCCCGGGCCCCCCCCAGCCACAGCCTCCTCCGGCTCCCCCTGCTGCAGTTGCTG  
M F P A G P P S H S L L R L P L L O L L  
70 90 110  
CTACTGGTGGTGCAGGCCGTGGGGAGGGGGCTGGGCCGCGCCAGCCCGGCCGGGGGGCCCC  
L L V V O A V G R G L G R A S P A G G P  
130 150 170  
CTGGAAGATGTGGTCATCGAGAGGTACCACATCCCCAGGGCCTGTCCCCGGGAAGTGCAG  
L E D V V I E R Y H I P R A C P R E V Q  
190 210 230  
ATGGGGGATTTTGTGCGCTACCACTACAACGGCACTTTTGAAGATGGCAAGAAGTTTGAT  
M G D F V R Y H Y N G T F E D G K K F D  
250 270 290  
TCAAGCTATGATCGCAACACCTTGGTGGCCATCGTGGTGGGTGTGGGGCGCCTCATCACT  
S S Y D R N T L V A I V V G V G R L I T  
310 330 350  
GGCATGGACCGAGGCCCTCATGGGCATGTGTGTCAACGAGCGGCGACGCCTCATTGTGCCT  
G M D R G L M G M C V N E R R R L I V P  
370 390 410  
CCCCACCTGGGCTATGGGAGCATCGGCCTGGCGGGGCTCATTCCACCGGATGCCACCCCTC  
P H L G Y G S I G L A G L I P P D A T L  
430 450 470  
TACTTCGATGTGGTTCTGCTGGATGTGTGGAACAAGGAAGACACCGTGCAGGTGAGCACA  
Y F D V V L L D V W N K E D T V Q V S T  
490 510 530  
TTGCTGCGCCCCGCCCCACTGCCCCCGCATGGTCCAGGACGGCGACTTTGTCCGCTACCAC  
L L R P P H C P R M V Q D G D F V R Y H  
550 570 590  
TACAATGGCACCCCTGCTGGACGGCACCTCCTTCGACACCAGCTACAGTAAGGGCGGCACT  
Y N G T L L D G T S F D T S Y S K G G T  
610 630 650  
TATGACACCTACGTCGGCTCTGGTTGGCTGATCAAGGGCATGGACCAGGGCTGCTGGGC  
Y D T Y V G S G W L I K G M D Q G L L G  
670 690 710  
ATGTGTCCTGGACAGAGAAGGAAGATTATCATCCCTCCATTCCTGGCCTATGGCGAGAAA  
M C P Q R R K I I P P F L A Y G E K  
730 750 770  
GGCTATGCTGAGGGTGGGCAAGGACACAAGGGGAAATTCCGCAGAAGAGGGAAAAACCAG  
G Y G E G G Q G H K G K F R R R G K N Q

09225502-010699

2/10

FIGURE 1B

790 810 830  
GCCTCCACATACAGTTGCTCAGGTTGTATACTGCACGAGGGCATCCAACCAAGGACTCAA  
A S T Y S C S G C I L H E G I Q P R T Q  
850 870 890  
GGTGGGATGAAATCTACCCTTGGTGCTACTAAGAAGGGGTGCTTTGGCCGGGCGTGTTGG  
G G M K S T L G A T K K G C F G R A W W  
910 930 950  
CTCAGCCTTGTAATCCCAGCACTTTGGGAAGCCAAGGCGGGAGGATCACGAGGTCCAGGA  
L T L V I P A L W E A K A G G S R G P G  
970 990 1010  
GATCGAGACCACGGTGAAACCCCGTCTCTACTAAAAATACAAAAAATTAGCCGGGCGTG  
D R D H G E T P S L L K I Q K N \*  
1030 1050 1070  
GTGGGGGCGCCTGTAGTCCCAGCTACTCGGAGAGGCTGAGGCAGGAAAATGACGTGAACC  
1090 1110 1130  
CGGGAGGCGGAGCTTGCAGTGAGCCGAGATCTTGCCACTGCACTCCAGCCTGGGTGACAG  
1150 1170  
AGCGAGACTCTGTCTCAAAAAAAAAAAAAAAAAA

09225502 010699

3/10

# FIGURE 2A

HL1AP03

```

      10              30              50
CTTCGATGTGGTTCTGCTGGATGTGTGGAACAAGGAAGACACCGTGCAGGTGAGCACATT
F D V V L L D V W N K E D T V Q V S T L
      70              90              110
GCTGCGCCCGCCCCACTGCCCCCGCATGGTCCAGGACGGCGACTTTGTCCGCTACCACTA
L R P P H C P R M V Q D G D F V R Y H Y
      130             150             170
CAATGGCACCCCTGCTGGACGGCACCTCCTTCGACACCAGCTACAGTAAGGGCGGCACTTA
N G T L L D G T S F D T S Y S K G G T Y
      190             210             230
TGACACCTACGTCGGCTCTGGTTGGCTGATCAAGGGCATGGACCAGGGGCTGCTGGGCAT
D T Y V G S G W L I K G M D Q G L L G M
      250             270             290
GTGTCCTGGAGAGAGAAGGAAGATTATCATCCCTCCATTCTGGCCTATGGCGAGAAAGG
C P G E R R K I I I P P F L A Y G E K G
      310             330             350
CTATGGGACAGTGATCCCCCACAGGCCTCGCTGGTCTTTCACGTCCTCCTGATTGACGT
Y G T V I P P Q A S L V F H V L L I D V
      370             390             410
GCACAACCCGAAGGACGCTGTCCAGCTAGAGACGCTGGAGCTCCCCCGGGCTGTGTCCG
H N P K D A V Q L E T L E L P P G C V R
      430             450             470
CAGAGCCCGGGCCGGGGACTTCATGCGCTACCACTACAATGGCTCCTTGATGGACGGCAC
R A G A G D F M R Y H Y N G S L M D G T
      490             510             530
CCTCTTCGATTCCAGCTACTCCCACAACCACACCTACAATACCTATATCGGGCAGGGTTA
L F P S S Y S H N H T Y N T Y I G Q G Y
      550             570             590
CATCATCCCCGGGATGGACCAGGGGCTGCAGGGTGCCTGCATGGGGGAACGCCGGAGAAT
I I P G M D Q G L Q G A C M G E R R R I
      610             630             650
TACCATCCCCCGCACCTCGCCTATGGGGAGAATGGAAGTGGAGACAAGATCCCTGGCTC
T I P P H L A Y G E N G T G D K I P G S
      670             690             710
TGCCGTGCTAATCTTCAACGTCCATGTCATTGACTTCCACAACCCTGCGGATGTGGTGA
A V L I F N V H V I D F H N P A D V V E
      730             750             770
AATCAGGACACTGTCCCGGCCATCTGAGACCTGCAATGAGACCACCAAGCTTGGGGACTT
I R T L S R P S E T C N E T T K L G D F

```

09225502-010699

4/10

FIGURE 2B

790 810 830  
TGTTGATAACCATTAACAAGTGTCTTTGCTGGACGGCACCCAGCTGTTACCTCGCATGA  
V R Y H Y N C S L L D G T Q L F T S H D  
850 870 890  
CTACGGGGCCCCCAGGAGGCGACTCTCGGGGCCAACAAGGTGATCGAAGGCCTGGACAC  
Y G A P Q E A T L G A N K V I E G L D T  
910 930 950  
GGGCCTGCAGGGCATGTGTGTGGGAGAGAGGCGGCAGCTCATCGTGCCCCCGCACCTGGC  
G L Q G M C V G E R R Q L I V P P H L A  
970 990 1010  
CCACGGGGAGAGTGGAGCCCCGGGGAGTCCCAGGCAGTGTGTGCTGCTGTTTGAAGTGA  
H G E S G A R G V P G S A V L L F E V E  
1030 1050 1070  
GCTGGTGTCCCGGGAGGATGGGCTGCCCACAGGCTACCTGTTTGTGTGGCACAAGGACCC  
L V S R E D G L P T G Y L F V W H K D P  
1090 1110 1130  
TCCTGCCAACCTGTTTGAAGACATAGACCTCAACAAGGATGGCGAGGTCCCTCCGGAGGA  
P A N L F E D I D L N K D G E V P P E E  
1150 1170 1190  
GTTCTCCACCTTCATCAAGGCTCAAGTGAGTGAGGGCAAAGGACGCCTCATGCCTGGGCA  
F S T F I K A Q V S E G K G R L M P G Q  
1210 1230 1250  
GGACCCTGAGAAAACCATAGGAGACATGTTCCAGAACCAGGACCGCAACCAGGACGGCAA  
D P E K T I G D M F Q N Q D R N Q D G K  
1270 1290 1310  
GATCACAGTCGACGAGCTCAAGCTGAAGTCAGATGAGGACGAGGAGCGGGTCCACGAGGA  
I T V D E L K L K S D E D E E R V H E E  
1330 1350 1370  
GCTCTGAGGGGCAGGGAGCCTGGCCAGGCCTGAGACACAGAGGCCCCACTGCGAGGGGGAC  
L \*  
1390 1410 1430  
AGTGGCGGTGGGACTGACCTGCTGACAGTCACCCTCCCTCTGCTGGGATGAGGTCCAGGA  
1450 1470 1490  
GCCAACTAAAACAATGGCAGAGGAGACATCTCTGGTGTTCACCACCCTAGATGAAAAT  
1510 1530 1550  
CCACAGCACAGACCTCTACCGTGTCTCTTCCATCCCTAAACCACTTCCTTAAAATGTT  
1570 1590 1610  
TGGATTTGCAAAGCCAATTGGGGCCTGTGGAGCCTGGGGTTGGATAGGGCCATGGCTGG  
1630 1650 1670  
TCCCCCAACATACCTCCCCCTCCACATCACTGACACAGCTGAGCTTGTATCCATCTCCCC  
1690 1710 1730  
AAACTTCTCTTTCTTTGTACTTCTTGTTCATCCCCACTCCCAGCCCCATTCCTCTATGT

00225502 010699

**FIGURE 2C**

1750 1770 1790

GACAGCTGGCTAGGACCCCTCTGCCTTCCTCCCCAATCCTGACTGGCTCCTAGGGAAGGG

1810 1830 1850

GAAGGCTCCTGGAGGGCAGCCCTACCTCTCCCATGCCCTTTGCCCTCCTCCCTCGCCTCC

1870 1890 1910

AGTGGAGGCTGAGCTGACCCTGGGCTGCTGGAGGCCAGACTGGGCTGTAGTTAGCTTTTC

1930 1950 1970

ATCCCTAAGAAGGCTTTCCCTAAGGAACCATAGAAGAGAGGAAGAAAACAAAGGGCATG

1990 2010 2030

TGTGAGGGAAGCTGCTTGGGTGGGTGTTAGGGCTATGAAATCTTGATTTTGGGGCTGAGG

2050 2070 2090

GGTGGGAGGGAGGGCAGAGCTCTGCACACTCAAAGGCTAAACTGGTGTCACTCCTTTTTT

2110 2130

CCTTTGTTCCAAATAAAAGATTAAACCAAAAAAAAAAAAAAAAAAAAA

## FIGURE 3A

HSYBM46

GCGTCCGCGGCTGCAGCCCGGGTAGGGCCAGGAGACCCGGTCCACGTTTGCAAACGCAGC  
CGAACGCCCAGGCCGACCCGTGCCGCCCAGCGCCGCGCTGCGTCCGCGCCACTCTTCTC

M A F R G W R P P P P P L L L L L  
GCCGCCCCGATGGCGTTCCGGGGCTGGAGGCCCCCGCCGCCACCGCTGCTCCTGCTGCTG

L W V T G O A A P V A G L G S D A E L Q  
CTCTGGGTGACCGGGCAGGCAGCGCCCGTGGCGGGCCCTGGGCTCCGACGCGGAGCTGCAG

I E R R F V P D E C P R T V R S G D F V  
ATCGAGCGGCGCTTCGTGCCCGACGAGTGCCCGCGCACCGTGCGCAGCGGCGACTTCGTG

R Y H Y V G T F P D G Q K F D S S Y D R  
CGCTACCACTACGTGGGGACGTTCCCCGACGGCCAGAAGTTCGACTCCAGCTATGACAGA

D S T F N V F V G K G Q L I T G M D Q A  
GACTCCACTTTCAATGTGTTTGTGGGAAAAGGACAGCTGATCACAGGGATGGACCAGGCT

L V G M C V N E R R F V K I P P K L A Y  
CTTGTGGGATGTGCGTAAACGAGAGACGTTTCGTGAAGATTCCCCCAAAGCTTGCTTAC

G N E R V S G V I P P N S V L H F D V L  
GGAAATGAAAGAGTTTCTGGTGTGATCCCCCCCCAATTCAGTGCTTCATTTTGATGTACTT

L M D I W N S E D Q V Q I H T Y F K P P  
CTGATGGATATTTGGAATTCTGAAGACCAGGTTTCAGATTCACACCTATTTCAAGCCCCCG

S C P R T I Q V S D F V R Y H Y N G T F  
AGTTGCCCTCGGACCATCCAGGTGTCTGATTTTGTGAGGTACCACTACAACGGGACGTTTC

L D G T L F D S S H N R M K T Y D T Y V  
CTGGACGGAACCTCTGTTTGATTTCGAGTCACAATCGCATGAAAACATATGACACGTATGTG

G I G W L I P G M D K G L L G M C V G E  
GGAATTGGCTGGCTGATTCTGGAATGGATAAAGGGCTGCTGGGGATGTGTGTGGGTGAG

K R I I T I P P F L A Y G E D G D G K D  
AAGCGCATCATCACCATTCTCTCTTTTCTGGCCTATGGAGAGGATGGAGATGGGAAAGAC

I P G Q A S L V F D V A L L D L H N P K  
ATTCCCGGTTCAGGCATCTCTGGTGTGTTGATGTTGCATTATTGGACCTCCATAACCCCAAG

D S I S I E N K V V P E N C E R I S Q S  
GACAGCATTTCCATTGAGAACAAGGTAGTACCTGAAAACCTGTGAGCGGATAAGTCAAAGT

G D F L T Y H Y N G T L L D G T L F D S  
GGGGACTTTCCTCACGTATCATTACAATGGCACGCTTCTGGATGGCACCCCTCTTTGATTCC

09225502-010609

## FIGURE 3B

S Y S R N R T F D T Y I G Q G Y V I P G  
AGCTACTCTCGGAACCGCACGTTTGACACGTACATTGGGCAGGGCTACGTGATTCTCTGGG

M D E G L L G V C I G E K R X I V V P P  
ATGGATGAAGGTCTACTTGGTGTTTGATTGGAGAAAAGCGAANGATTGTGGTCCCGCCT

H L G Y G E E G R G N I P G S A V L V F  
CACCTGGGGTATGGAGAGGAAGGAAGAGGAATATCCCCGGCTCGGCTGTGCTGGTGTTT

D I H V I D F H N P S D S I S I T S H Y  
GACATCCATGTGATCGACTTCCACAACCCTTCGGACTCCATCAGCATCACCTCCCACCTAC

K P P D C S V L S K K G D Y L K Y H Y N  
AAACCCCTGACTGCTCAGTGCTGAGTAAGAAGGGAGATTACCTCAAATATCACTACAAT

A S L L D G T L L D S T W N L G K T Y N  
GCCTCACTTCTGGATGGGACCCTGCTGGACTCCACGTGGAATTTAGGCAAACTTACAAT

I V L G S G Q V V L G M D M G L R E M C  
ATTGTTCTGGGATCTGGGCAAGTTGTGTTGGGGATGGACATGGGTCTCAGAGAGATGTGC

V G E K R T V I I P P H L G Y G E A G V  
GTTGGCGAGAAACGGACAGTGATCATTCCGCCTCACCTGGGCTATGGGGAAGCTGGCGTG

D G E V P G S A V L V F D I E L L E L V  
GATGGAGAAGTGCCCGGCAGTGCCGTATTAGTGTTTGACATTGAGCTSCTGGAGCTGGTG

A G L P E G Y M F I W N G E V S P N L F  
GCTGGCCTTCTTGAGGGGTACATGTTTCATATGGAATGGTGAGGTGTCACCCAACCTCTTT

E E I D K D G N G E V L L E E F S E Y I  
GAAGAAATTGACAAGGATGGCAACGGAGAAGTCCTCCTGGAAGAGTTCTCAGAGTACATT

H A Q V A S G K G K L A P G F D A E L I  
CACGCCCAGGTGGCATCTGGCAAAGGGAACTCGCTCCTGGCTTTGATGCTGAGCTGATT

V K N M F T N Q D R N G D G K V T A E E  
GTGAAGAATATGTTACCAACCAGGACCGGAATGGAGATGGGAAGGTCACAGCCGAGGAA

F K L X D Q E A K H D V T L N L A \*  
TTTAAACTCARAGACCAGGAAGCCAAACACGATGTAACCTCTAAACCTGGCATGAACCAGA

TGGTGCCAGGGGAGTACGTGACACCAAGCCACCTGTGTGGMAAGACGTGCARTTGARGGT  
GCAAGGGGTCTCTCAGAAAGTTTGATCCATTAGCCAGTAGTAGGTGGGGTCACATAGTAC  
CTGGTGATACATCGGGGTGGGTTGATATATGGGGTGAGAAGTTTGGGCTGATCGCCAGT  
GATAGTAAACAAAATCTGTGNCAGAGGGCCCTTAGCATGGGATGTGTCCAGTATTCGACCC  
ACGCGTCCGCNTGCCAACCATGATTTGTGAGCCTTCTGGGAAATTTGTTATTAAAGGAA  
TATATAGTGTCAGACGGAAGTTATAATCATCTTGGAGGAACCATAAGAAAAGGTGTCCA  
GGGTATCTATATAAAGAGGGTTAAATTTTTTTTAACTTGCTGGTTAAACATTTTAGAA  
ATATTCTAGAGATGGGCAGGAGAGTCAAAGGGCTTGCTTGCCCCAGCAGAGTTCCCAGCA  
GACAGCCATGGATATTCCCAGCAGCCTGTGCAAATTCATGATGATGGCCCCACCCCGCAC  
ACGGCACACGNCACATCAWGCTTTTCCAGCTCATCACACCCCGCCCCANTNNGGGCCTAC  
CATTAATAGNGTATNANTTGGAGGNTAAAAGAGCCTTTTGGACAGAAAACCTGGGCCAGGN  
AAAGGCATNTCAGACCACAAATAGAGAATTTGATTTCGTCATTTGCCACANAAGTCATCTG

09225502 "010659"

## FIGURE 3C

NTTAGCTTNTCCTTTTCCTTNANANANATTTNANTTTTTTCTGGAGGCAGAGTCTCCCTTT  
GTCGCCAGGCTGGAGTGCACTGGTGCCATCTCGGCTCACTGCAGCACTGTCTCGGCTCAC  
TGCAGCKTCCGCTCCCGTATTCAAGCGATTCTCCTGTCTCAGCCTCCTGAGTAGCTGGG  
ASTACAGGTGTGCACCACCACGCCCCGGCTAATTTTTGTATTTTTAGTAGAGACGGGGTTT  
CACTGTGTTGGCCAGGATGGTCTCAATCTCGACTTCGTGATCCGCCCACCTTGGCCTCCC  
AAAGTGTTGGGATTACAGGCGTGACTCACCATGCCAGCCACTTAGTTTTTTCTTATTCC  
CACCTTTCTATCCCATAGAACATCTTTTTTATCTTCCCTGAACCATATWGATGAGATAAA  
TAGGGCTGGGGMTGGGCCCCGCTGGTCACTCAACAGAGTATTTCCCTTGGCCGAGATGG  
AAGTTTTGTCCAATAGATGAGCTGCTGAGTATCAACAAGGTGACATTTTTCTGCTGCCC  
ATTTGTGTCCTGGAGACGGTGGTACCCTGAAGGCAGAGGCCAGTGCCGCAAGACAGCAAT  
GACAGTCCACCTGCCGACCTGATTCCTGCATCATGGAATAACCACATGGCTACCTTCTAT  
CCTCTGTTCCCAAATGGTGGTGGCACTTATCCTGAAGTCGTCAATGACTTCCCTTTGAAA  
CTACTTTATTTTACTAATTTAAACTATTTTGTACTGATGTAGCCCTGAGGTAGTTCATGA  
AAATGCTGTGCACTCATTCCATGGAATAAATGTTGGAAGCTCATCTTTTCTGATATAAA  
ATGTTGAATGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

09225502 010699



9/10

FIGURE 4A

HFKBC47

```

      10              30              50
ACACGTATGGGGAAATTGGCTGGCTGATTCCCTGGAATGGATAAAGGGCTGCTGGGGATGT
  T Y 3 E I G W L I P G M D K G L L G M C
      70              90              110
GTGTGGGTGAGAAGCGCATCATCACCATTCCCTTTCTGGCCTATGGAGAGGATGGAG
  V G E K R I I T I P P F L A Y G E D G D
      130             150             170
ATGGGAAAGACATTCCCGGTCAGGCATCTCTGGTGTGTTGATGTTGCATTATTGGACCTCC
  G K D I P G Q A S L V F D V A L L D L H
      190             210             230
ATAACCCCAAGGACAGCATTTCATTGAGAACAAGGTAGTACCTGAAAACCTGTGAGCGGA
  N P K D S I S I E N K V V P E N C E R I
      250             270             290
TAAGTCAAAGTGGGGACTTTCTCAGGTATCATTACAATGGCACGCTTCTGGATGGCACCC
  S Q S G D F L R Y H Y N G T L L D G T L
      310             330             350
TCTTTGATTCCAGCTACTCTCGGAACCGCACGTTTGACACGTACATTGGGCAGGGCTACG
  F D S S Y S R N R T F D T Y I G Q G Y V
      370             390             410
TGATTCCCTGGGATGGATGAAGGTCTACTTGGTGTTTGCATTGGAGAAAAGCGAAGGATTG
  I P G M D E G L L G V C I G E K R R I V
      430             450             470
TGGTCCCGCCTCACCTGGGGTATGGAGAGGAAGGAAGAGGGAATATCCCCGGCTCGGCTG
  V P P H L G Y G E E G R G N I P G S A V
      490             510             530
TGCTGGTGTGTTGACATCCATGTGATCGACTTCCACAACCCCTTCGGACTCCATCAGCATCA
  L V F D I H V I D F H N P S D S I S I T
      550             570             590
CCTCCCACTACAAACCCCTGACTGCTCAGTGCTGAGTAAGAAGGGAGATTACCTCAAAT
  S H Y K P P D C S V L S K K G D Y L K Y
      610             630             650
ATCACTACAATGCCTCACTTCTGGATGGGACCCTGCTGGACTCCACGTGGAATTTAGGCA
  H Y N A S L L D G T L L D S T W N L G K
      670             690             710
AAACTTACAATATTGTTCTGGGATCTGGGCAAGTTGTGTTGGGGATGGACATGGGTCTCA
  T Y N I V L G S G Q V V L G M D M G L R
      730             750             770
GAGAGATGTCGTTGGCGAGAAACGGACAGTGATCATTCCGCCTCACCTGGGCTATGGGG
  E M V G E K R T V I I P P H L G Y G E

```

09225502 "010699

10/10

FIGURE 4B

790 810 830  
AAGCTGGCGTGGATGGAGAAGTGCCCGGCAGTGCCGTATTAGTGTGTTGACATTGAGCTGC  
A G V D G E V P G S A V L V F D I E L L  
850 870 890  
TGGAGCTGGTGGCTGGCCTTCCTGAGGGGTACATGTTTCATATGGAATGGTGAGGTGTCAC  
E L V A G L P E G Y M F I W N G E V S P  
910 930 950  
CCAACCTCTTTGAAGAAATCAACAAGGTGACATTTTTCTGCTGCCCATTTGTGTCTCTGGA  
N L F E E I N K V T F F C C P F V S W R  
970 990 1010  
GACGGTGGTACCCCTGAAGGCAGAGGCCAGCTGCCGCAAGACAGCAATGACAGTCCACCTG  
R W Y P E G R G Q L P Q D S N D S P P A  
1030 1050 1070  
CCGACCTGATTCTGTCATCATGGAATAACCATGGCTACCTTCTATCCTCTGTTCCCAA  
D L I P A S W N N H M A T F Y P L F P N  
1090 1110 1130  
ATGGTGGTGGCACTTATCCTGAAGTCGTCAATGATTTCCCTTTGAAACTACTTTATTTTA  
G G G T Y P E V V N D F P L K L L Y F T  
1150 1170 1190  
CTAATTTAAACTATTTTGTACTGATGTAGCCCTGAGGTAGTTCATGAAAAATGCTGTGCA  
N L N Y F V L M \*  
1210 1230 1250  
CTCATTCCATGGGAATAAATGTTGGGAAAGCTGAAAAAAAAAAAAAAAAAAAAA

09225502-010699